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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 1

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	Application No.	09/783,122
	Filing Date	Feb. 14, 2001
	Inventor	Kian et al.
	Art Unit	2871
	Examiner	
_	Atty. Docket No.	081400-006

	•	U.S.	PATENT DO	CUMENTS	
Examiner	Cite	Document Number	Publication Date MM-DD-YY	Name of Patentee or Applicant Cited in Document	Pages, Columns, Lines, Where Relevant Passages or
Initials	No.	Number – Kind Code			Relevant Figures Appear
BT		4,854,675	08-08-89	Yamazaki et al.	
り个		5,298,351	03-29-94	Bobroff et al.	
BT		5,609,778	03-11-97	Pulaski et al.	DECENIE
35		6,025,110	02-15-00	Nowak	MECEIVE
INT		6,103,992	08-15-00	Noddin	007
1hT		6,159,659	12-12-00	Gelbart	OCT 2 9 2002
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		FOREIG	N PATENT	DOCUMENTS	
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FORM PTO-1449 (Modified) Serial No.: Unassigned Docket No.: 081400-006 Applicant: Kian et al. LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT Art Unit: Unassignèd Filing Date: February 14, 2001 UNITED STATES PATENT DOCUMENTS Sub Class Filing Date (if Class Name Ref. Patent No. Date *Exr's. applicable) Inits. 428 215 Chiba et al. 09/04/79 AA 4,166,876 428 333 11/18/80 Yatabe et al. AB 4.234.654 4 354 07/10/84 Jain et al AC 4,458,994 204 129.5 03/29/88 Venis, Jr. AD 4,734,174 122 09/27/88 353 4,773,750 **Bruning** ΑE 156 643 05/22/90 Yamazaki et al. **AF** 4,927,493 219 121.68 11/13/90 Imatou et al. 4,970,366 AG 357 30 07/23/91 5,034,795 Henry AH 竹 156 269 Aufderheide et al. ΑI 5,062,916 11/05/91 46 05/10/94 Stutius et al. 372 AJ 5,311,533 430 4 06/14/94 Raab et al. AK 5,320,918 524 366 Sasaki et al. AL 5,322,876 06/21/94 FOREIGN PATENT DOCUMENTS Country Class Sub Translation? Document No. Date Exr's. Ref Yes No Init. Х 02037326 A 02/07/90 Japan AM 08/24/95 **PCT** WO95/22881 -AN **AO** EP0699375B1 03/06/96 Europe 09/25/96 Europe AP EP0733931A2 OTHER REFERENCES (Including Author, Date, Title, Pertinent Pages, Etc.) Ref. Bibliographic Data Exr's. Inits. R.E. Sheets and H.G. Muller, "Scanning Projection Tools for Large Area Thin Film Displays," 1994 Display AQ BI Manufacturing Technology Conference Digest of Technical Papers, SID, p. 97-98 (1994). C.W. Laasko and W.A. Barrow, "Use of a Scanning Projection Exposure Tool in Fabrication of Full Color TFEL AR Displays," 1995 Display Manufacturing Technology Conference Digest of Technical Papers, SID, p. 101-102 hT (1995).

* Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. ¶ 609. Draw line through citation (i.e., eitation) if not in conformance and not considered. Include copy of this form with next communication to applicant.

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September 1995.

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Examiner

H. Endert and U. Leinhos, "Excimer Lasers: A New, Powerful Tool for Microstructuring," LIGA news Third Issue,

Date Considered

FORM P	TO-14	49 (Modified)		Docket No.: 081400-006		Serial No.: Unassigned		
FOR API	PLICA	NTS AND PUBLICANT'S INFORMATIC STATEMENT		Applicant: Kian et al.		- 7		
				Filing Date: February 14, 2001		Art Unit: Unas	ssigned	
			UNITED STA	ATES PATENT DOCUMENTS	-			
Inits.			Name	Class	Sub Class	Filing D applica		
			Sheets	355	53			
b5				Smith, Jr. et al.	204	192.23		
BC 5,514,618 05/07/96 H			Hunter, Jr. et al.	437	60			
			Wu et al.	349	35			
ゅず	BE	5,661,533	08/26/97	Wu et al.	349	169		
BT	BF 5,667,853 09/16/97 F 37 BG 5,702,565 12/30/97 V 15 BH 5,703,436 12/30/97 F 16 BI 5,705,551 01/06/98 S			Fukuyoshi et al.	428	1		
3)				Wu et al.	156	643.1		
151				Forrest et al.	313	506		
7.1				Sasaki et al.	524	366		
				Mitlitsky et al.	437	233	,	
135			Debe	313	309		- <u></u>	
34	BL	Re. 35,753	03/24/98	Raab et al.	430	4		
			FOREIG	N PATENT DOCUMENTS				
Exr's. Init.	Ref	Document No.	Date	Country	Class	Sub	Transla Yes	ation? No
13+	ВМ	09152618A	06/10/97	Japan			x	
ST	BN	09171188A	06/30/97	Japan			x	
3-1	ВО	WO99/36261 - ?	07/22/99	PCT				
13.}	BP	WO99/42860	08/26/99	PCT				1.
		OTHER REFEREN	ICES (Inclu	ding Author, Date, Title, Pertin	ent Pa	iges, Etc.)		
Exr's. Inits.	Ref.	Bibliographic Dat	a					
13+	BQ	R.E. Sheets, "Scann	ing projection	for large-area lithography," <i>Microlitho</i> g	raphy V	Vorld, Spring 19	996.	
131	BR			Modern Manufacture of Large Area Phence Digest of Technical Papers, SID,			lay	
131	BS	F.E. Doany et al., "L Vol. 41, No. 1/2, 199		ning laser ablation system," <i>IBM Jour</i>	nal of R	esearch and D	evelopme	∍nt,
Examiner	B.	all Tran		Date Considered	1/2	2/03		

FORM P	TO-14	49 (Modified)		Docket No.: 081400-00	06	Serial No.: Un	assigned
FOR AP	PLICA	NTS AND PUBLICANT'S INFORMATIC STATEMENT		Applicant: Kian et al.			
				Filing Date: February 1	4, 2001	Art Unit: Unas	signed
-			UNITED STA	ATES PATENT DOCUM	IENTS		
*Exr's. Inits.	Ref.	Patent No.	Date	Name	Class	Sub Class	Filing Date (i applicable)
BT	CA	5,796,454	08/18/98	Ма	349	98	
はす	СВ	5,817,550	10/06/98	Carey et al.	438	166	
BT	СС	5,825,451	10/20/98	Ma et al.	349	187	
乃丁	CD	5,856,858	01/05/99	Carey et al.	349	158	
か	CE	5,889,566	03/30/99	Wu et al.	349	35	
35	CF	5,933,203	08/03/99	Wu et al.	349	35	
BT	CG	5,949,513	09/07/99	Ma et al.	349	187	
ふて	СН	5,969,803	10/19/99	Mercado	355	67	
135	CI	5,986,824	11/16/99	Mercado	359	754	
135	CJ	5,990,926	11/23/99	Mercado	347	258	
131	СК	6,020,941	02/01/00	Ма	349	15	
, ,	CL						
			FOREIG	N PATENT DOCUMEN	TS		
Exr's. Init.	Ref	Document No.	Date	Country	Class	Sub	Translation? Yes No
B+	СМ	WO99/51386 ~	10/14/99	PCT			
	CN						
	CO						
	СР						
		OTHER REFEREN	ICES (Inclu	ding Author, Date, Title	e, Pertinent P	ages, Etc.)	
Exr's. Inits.	Ref.	Bibliographic Dat	a				
ル ト	CQ	P.Y.Z. Chu et al., "4 Patterning," 1998 St Vol. 29, No. 1, 17 M	D International	nductor Structure for Plastic Symposium Digest of Techi s 1099-1101.	LCD Application nical Papers, And	s Utilizing 'All Di aheim, CA, May	y' Digital Lase 17-22, 1998,
BT	CR	A. Heller, "Flat-Pane	el Displays Slim	Down with Plastic," <i>Science</i>	e and Technolog	y Review, Nove	mber, 1999. ^
135	cs	Tamarack Scientific October 2000.	Co., Inc., "Larg	ge area scanning projection	exposure system	s," brochure, pu	ıblished
Examiner		Bush Tra	<u> </u>	Date Con	sidered //2 a	2/63	

FORM P	TO-14	49 (Modified)		Docket No.: 08	31400-006		Serial No.: Unassigned			
FOR AP	PLICAN	NTS AND PUBLIC NT'S INFORMATIONSTATEMENT		Applicant: Kia	n et al.					
			-	Filing Date: February 14, 2001 Art Unit: Unassigned						
			UNITED STA	TES PATENT	DOCUMENTS					
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Exr's. Inits.	Ref.	Bibliographic Da	tā							
みて	DQ	Tamarack Scientific	Co., Inc., "Excl	mer Laser Ablation	n Systems," broch	ure, pub	lished October	2000.		
Ŋ [†]	DR	Resonetics, Inc., "L http://www.resoneti	aser Micromach cs.com/contract	ining in Contract MFG.htm (downlo	Manufacturing," aded 10/26/2000)	v.	Per Charles			
ド	DS	Tamarack Scientific (downloaded 10/31	: Co., Inc., "Exci /2000).		blation Systems,"	http://ww	w.tamsci.com/a	ablation.htm		
Examiner	j	binh trav	<u> </u>		Date Considered	1/2	2/03			
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	EO										
	EP										
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Exr's. Inits.	Ref.	Bibliographic Dat	a	-			•			es,	
B [†]	EQ	D. Constantinide, "S http://www.tamsci.co	canning Projecti om/techpadidx.h	ion Lithogra tm (downloa	phy for Larg ided 01/23/	ge Area Subs 2001).	trates,"		·		
BT.	ER	S. Zhou and M. Kilg http://www.tamsci.co	o, "Material Rem om/techpadidx.h	noval Rates tm (downloa	of Biocomp ided 01/23/	atible Polyme 2001).	ers Duri	ng Laser Ablation	on,"		
125	ES				· · ·			- /	· 	<u> </u>	
Examiner		Binh train				Considered	1/2				
* Examiner citation) if	r: Initial if not in co	citation considered, w	hether or not cita sidered. Include	tion is in cor copy of this	formance w form with n	vith M.P.E.P. ¶ ext communic	609. cation to	Draw line throug applicant.	n citation	(1.e.,	